

JENKINS  
WILSON  
& TAYLOR

patent attorney

June 15, 2004



*DFW*

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2004.

*Gayle W. Chaney*  
Gayle W. Chaney

Date of Signature: 6-15-04

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/656,383 for  
CIRCUIT ARRANGEMENT AND METHOD FOR COMPENSATING  
FOR DISTURBANCES IN A SIGNAL GENERATED BY MEANS OF  
DISCRETE MULTITONE MODULATION  
Our Ref. No. 1406/164

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (1 page) in duplicate;
3. Copies of cited references (3 references); and
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

*Richard E. Jenkins*

Richard E. Jenkins  
Registration No. 28,428

REJ/gwc

Enclosures

Customer No. 25297

tel 919.493.8000  
fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.  
JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707



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PATENT

Gayle W. Chaney  
Gayle W. Chaney  
Date of Signature 6-15-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Heinrich Schenk

Group Art Unit: 2124

**Serial No.: 10/656,383**

Examiner: Not Assigned

Filed: September 5, 2003

Docket No.: 1406/164

Confirmation No.: 9592

For: CIRCUIT ARRANGEMENT AND METHOD FOR COMPENSATING FOR  
DISTURBANCES IN A SIGNAL GENERATED BY MEANS OF DISCRETE  
MULTITONE MODULATION

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached form PTO-1449. Copies of the references as well as Form PTO-1449 are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

Early passage of the subject application to issue is earnestly solicited.

Appln. No.: 10/656,383

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any fees associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: 6-15-04

By: Richard E. Jenkins  
Richard E. Jenkins  
Registration No. 28,428

REJ/gwc

Enclosures

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<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 1406/164		Serial No. 10/656,383	
List of Documents Cited by Applicant							
				Applicant(s): Heinrich Shenk			
				Filing Date: September 5, 2003		Group 2124	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes   No	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	1.	Martin et al., "Blind, Adaptive, Per Tone Equalization for Multicarrier Receivers," 2002 Conference on Information Sciences and Systems, Princeton University, March 20-22, 2002.					
	2.	Toeltsch, et al., "Equalization of OFDM-Systems by Interference Cancellation Techniques," Institut für Nachrichtentechnik und Hochfrequenztechnik, Technische Universität Wien, Austria, 2001.					
	3.	Van Acker, et al., "Per Tone Equalization for DMT-Based Systems," IEEE Transactions on Communications, Vol. 49, No. 1, January 2001.					

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

\*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.